

# Material Safety Data Sheet

## Ossoro Saffron (Kesar)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Mixture identification:

Trade name: Ossoro Saffron (kesar)

Trade code: Not Applicable

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use: For use in processed foods

Uses advised against: Not Applicable

#### 1.3 Details of the supplier of the safety data sheet

Company: Superb Formulations Pvt Ltd,

1/236, Pudupakkam Village, Kelambakkam, Kanchipuram District, Chennai

Tamil Nadu State, India 603103

Competent person responsible for the safety data sheet: [queries@superbformulations.com](mailto:queries@superbformulations.com)

Emergency telephone number: 1800-3000-2710

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Physical hazards: Not classified

Health hazards: Not classified

Environmental hazards: Not classified

#### 2.2 Label elements Symbols:

Hazard statements: None required

Signal word: None

Precautionary statements:

Prevention: Observe good industrial hygiene practices.

Response: Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements

Special Provisions: None

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2.3 Other hazards: No other hazards

### SECTION 3: Composition/information on ingredients

3.1 Substances: Propylene Glycol, natural and nature identical substances

### SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Remove from exposure into fresh air. Seek medical attention

Ingestion: Rinse mouth with water and drink water. Seek medical attention

Eye Contact: Flush with fresh water for at least 10 minutes. If irritation persists, seek medical attention

Skin Contact: Wash skin with mild soap and water. Seek medical help if irritation persists

4.2 Most important symptoms and effects, both acute and delayed: Information not available.

4.3 Indication of any immediate medical attention and special treatment needed: Information not available.

### SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray.

CO2 Carbon dioxide.

Dry powder.

Extinguishing media which must not be used for safety reasons: Not known.

5.2 Special hazards arising from the substance or mixture: Not Applicable

5.3 Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately.

This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

### SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment

Remove all sources of ignition.

Remove persons to safety.

Ventilate closed spaces before entering them

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

Do not contaminate water.

Retain and dispose of contaminated wash water.

Contact local authorities in case of spillage to drain/aquatic environment.

6.3 Methods and material for containment and cleaning up:Wash with plenty of water.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not handle or store near an open flame, heat or other sources of ignition.

Avoid prolonged exposure.

Wash thoroughly after handling.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry and well-ventilated place.

Keep away from sources of heat and naked flames.

Always keep the containers well-closed. Keep away from food, drink and feed.

Incompatible materials: Information not available.

Instructions with regards storage premises: Adequately ventilated premises.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No occupational exposure limit available

### 8.2 Exposure controls

Eye protection: Eye glasses with side protection.

Protection for skin: Overall, Safety shoes.

Protection for hands: Chemical resistant gloves.

Respiratory protection: Not Required

Thermal Hazards: None

Environmental exposure controls: None

Appropriate engineering controls: None

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state: Liquid

Colour:Colourless to pale yellow

Odour: Fresh, floral and sweet

Specific gravity @ 25°C: 1.023 (+/- 0.005)

Refractive Index @ 25°C: 1.041 (+/- 0.005)

Ph Value: Not Applicable

Solubility: Soluble in water

Auto flammability: Not determined

Explosive Properties: None expected

Boiling Point: Not Applicable

Flash Point : 371°C

Evaporation Rate: Not Applicable

Explosive Properties: Not Explosive

Oxidizing Properties: Not Oxidizing

Decomposition Temperature: Not available

## 9.2 Other information

Miscibility: Not Applicable

Fat Solubility: Not Applicable

Conductivity: Not Applicable

## SECTION 10: Stability and reactivity

### 10.1 Reactivity Data

The product is stable and non-reactive under normal conditions of use, storage and transport.

### 10.2 Chemical stability

Material is stable under normal conditions.

### 10.3 Possibility of hazardous reactions

None

### 10.4 Conditions to avoid

Avoid extreme temperatures.

### 10.5 Incompatible materials

Information not available.

### 10.6 Hazardous decomposition products

Does not occur

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Toxicological information of the mixture: N.A.

Inhalation No adverse effects due to inhalation are expected.

Skin contact Causes mild skin irritation.

Eye contact Causes mild eye irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics: Direct contact with eyes may cause temporary irritation.

Acute toxicity Not known.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

## SECTION 12: Ecological information

12.1 Toxicity: Adopt good working practices, so that the product is not released into the environment. The product is not classified as environmentally hazardous.

12.2 Persistence and degradability No data is available on the degradability of this substance.

12.3 Mobility in soil No data available.

12.4 Bio-accumulative Potential: Information not available

12.5 Other adverse effects: No data available

## SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Hazardous waste code: Not established

## SECTION 14: Transport information

14.1 Transport Regulations

ADN Not regulated as dangerous goods.

ADR Not regulated as dangerous goods.

RID Not regulated as dangerous goods.

DOT Not regulated as dangerous goods.

BULK DOT Not regulated as dangerous goods.

NON-BULK IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods

14.2 Identification: Extract, flavouring, liquid

14.3 Special Provisions for Transport: Not Applicable

## SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

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State regulation: The product has been manufactured using ingredients and in a facility which is compliant as per FSSAI norms decreed by the Govt of India (License No. 12414008001330)

## 15.2Other Classification:

FEMA and GRAS guidelines: The ingredients used are Generally Regarded as Safe (GRAS) and are safe for human consumption as per prevailing FEMA (Flavour and Extract Manufacturers Association) regulations.

Food Safety Systems Certification (FSSC 22000/GMP/GHP/HACCP): This product is manufactured in accordance with FSSC 22000:2013 norms validated as per certificate IN16/818842894.

**SECTION 16: Other information**

References:NA

Other special considerations:NA

Superb Formulations Pvt Ltd cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, and disposal and should not be considered as a guarantee or quality specification. It is the sole responsibility of the individual(s) purchasing this product to assess its' safety in the final application. The above information relates only to this product and not to its use in combination with any other material or any process and is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal, and should not be considered as a guarantee or quality specification. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is accurate to the best of Superb Formulations' knowledge as of the date of this document. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.